



(19)

(11) Publication number: 53088007 A

Generated Document.

## PATENT ABSTRACTS OF JAPAN

(21) Application number: 56185527

(51) Intl. Cl.: B01D 13/00 B01D 1/00

(22) Application date: 20.11.81

(30) Priority: (43) Date of application publication: 26.05.83 (84) Designated contracting states:	(71) Applicant: ASAHI GLASS CO LTD. (72) Inventor: MIYAKE HARUHISA SUGAYA YOSHIO ASAWA TATSURO (74) Representative:
---	---

## (54) SEPARATION OF LIQUID MIXTURE

(57) Abstract:

**PURPOSE:** To use a high molecular membrane obtained from a solution prepared by dissolving a carboxylic acid type fluorinated copolymer in a hydrophilic org. solvent, in a method for separating a mixture containing an org. liquid according to vapor separation.

**CONSTITUTION:** In separating or concentrating a mixture comprising org. liquids or an org. liquid and water according to vapor separation, when a high molecular membrane, which is formed from a solution prepared by dissolving a copolymer consisting of a fluorinated ethylenic monomer and a carboxylic acid group containing ethylenic monomer (pref., fluorine contained one) in a hydrophilic org. solvent containing a small amount of water, is used, the efficiency of separation or concn. is enhanced and a permeation speed is also made fast. A separation temp. is selected from a

range of 0W200°C and pressure from a  
range of vacuum W100kg/cm2.

COPYRIGHT: (C)1983,JPO&Japio